

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,001,699 B2  
APPLICATION NO. : 10/647205  
DATED : February 21, 2006  
INVENTOR(S) : Takakazu Tanaka et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 5:

Line 67, "aiyloxy" should read --aryloxy--.

COLUMN 6:

Lines 6-10 should be deleted.

COLUMN 30:

line 66, "htane" should read --thane--.

COLUMN 31:

Line 23, "runned up," should read --ran out,--.

COLUMN 36:

Line 66, "random copolymer" should read --random-copolymer-- and  
"high molecular weight charge" should read --high-molecular-weight  
charge--.

COLUMN 37:

Line 35, "Ar 111 Formula" should read --Ar<sup>111</sup> in Formula--; and  
Line 36, "Ar121" should read --Ar<sup>121</sup>--.

COLUMN 38:

Line 17, "R221 and R222" should read --R<sup>221</sup> and R<sup>222</sup>--;  
Line 20, "R231" should read --R<sup>231</sup>--;  
Line 24, "Ar111" should read --Ar<sup>111</sup>--;  
Line 26, "Ar121" should read --Ar<sup>121</sup>--;  
Line 37, "Ar111" should read --Ar<sup>111</sup>--;  
Line 39, "Ar121" should read --Ar<sup>121</sup>--;  
Line 64, "Ar111" should read --Ar<sup>111</sup>--;  
Line 65, "Ar121" should read --Ar<sup>121</sup>--;  
Line 66, "Ar112" should read --Ar<sup>112</sup>--; and  
Line 67, "Ar122" should read --Ar<sup>122</sup>--.

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COLUMN 39:

- Line 2, "Ar112 and Ar122" should read --Ar<sup>112</sup> and Ar<sup>122</sup>--;
- Line 4, "Ar111" should read --Ar<sup>111</sup>--;
- Line 5, "Ar121" should read --Ar<sup>121</sup>--;
- Line 16, "where" should be deleted and "random copoly-" should read --random-copoly- --;
- Line 17, "high molecular weight charge transporting" should read --high-molecular-weight charge-transporting--;
- Line 25, "random copolymer" should read --random-copolymer-- and "high molecular weight charge trans-" should read --high-molecular-weight charge-trans- --;
- Line 27, "random" should read ---random- --;
- Line 28, "high molecular weight charge transporting" should read --high-molecular-weight charge-transporting--;
- Line 30, "random copolymer" should read --random-copolymer-- and "high molecular weight" should read --high-molecular-weight--;
- Line 31, "charge transporting" should read --charge-transporting--;
- Line 37, "random copolymer" should read --random-copolymer-- and "high molecular weight charge trans-" should read --high-molecular-weight charge-trans- --;
- Line 39, "random " should read --random- --;
- Line 40, "high molecular weight charge transporting" should read --high-molecular-weight charge-transporting--;
- Line 42, "random copolymer" should read --random-copolymer-- and "high molecular weight" should read --high-molecular-weight--;
- Line 43, "charge transporting" should read --charge-transporting--;
- Line 49, "random copolymer" should read --random-copolymer-- and "high molecular weight charge trans-" should read --high-molecular-weight charge-trans- --;
- Line 51, "random " should read --random- --;
- Line 52, "high molecular weight charge transporting" should read --high-molecular-weight charge-transporting--;
- Line 54, "random copolymer" should read --random-copolymer-- and "high molecular weight" should read --high-molecular-weight--;
- Line 55, "charge transporting" should read --charge-transporting--;
- Line 65, "random-copolymer" should read --random-copolymer--;
- Line 66, "high molecular weight charge transporting" should read --high-molecular-weight charge-transporting--; and
- Line 67, "weight average" should read --weight-average--.

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COLUMN 40:

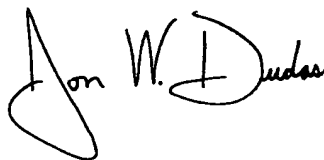
Line 2, "random-copolymer" should read --random-copolymer--;  
Line 3, "high molecular weight charge transporting" should read --high-molecular-weight charge-transporting--;  
Line 4, "weight average" should read --weight-average--;  
Line 8, "random " should read ---random- --;  
Line 9, "high molecular weight charge transporting" should read --high-molecular-weight charge-transporting--;  
Line 18, "apparatus; wherein;" should read --apparatus, wherein--;  
Line 23, "random copolymer" should read --random-copolymer-- and  
"high molecular weight charge" should read  
--high-molecular-weight-charge--.  
Line 43, "Ar112 and Ar 122" should read --Ar<sup>112</sup> and Ar<sup>122</sup>--;  
Line 50, "random-copolymer" should read --random-copolymer--; and  
Line 65, "random copolymer" should read --random-copolymer-- and  
"high molecular weight charge" should read  
--high-molecular-weight-charge--

COLUMN 42:

Line 2, "Ar122" should read --Ar<sup>122</sup>--; and  
Line 8, "structure ;" should read --structure;--.

Signed and Sealed this

Eighth Day of August, 2006



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*